

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S72	27050	(disc disk) near4 (speed velocity)	USPAT	OR	OFF	2007/04/25 15:35
S73	2661	(detect\$4 measur\$4 discriminat\$4 determin\$4) near6 S72	USPAT	OR	OFF	2007/04/25 15:35
S74	370	S73 near10 (encoder opu pickup pick adj up light laser)	USPAT	OR	OFF	2007/04/25 15:36
S75	207	S74 and "369".clas.	USPAT	OR	OFF	2007/04/25 15:43
S76	56	S74 and "360".clas.	USPAT	OR	OFF	2007/04/25 15:43
S77	5	("4021714"   "4374351"   "4782404"   "4849680"   "4965502").PN. OR ("5051677").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:35
S78	137	(S74 not S75) not S76	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:58
S79	0	S74 near10 (equal identical) near5 (width spac\$4 length distance)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:58
S80	2	S74 near10 (equal identical)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:58
S81	4	("4319134"   "4680466"   "5073710"   "5091643").PN. OR ("6750445").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:24
S82	2759	(250/231.1?).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:28
S83	15	S82 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 10:33
S84	1958	(angl\$4 angular rotation\$4 near3 position) near6 (mark label feature reference indicator) near10 (disc disk)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:37
S85	90	S84 near10 (label image print\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:47
S86	98430	"angular position"	US-PGPUB; USPAT	OR	ON	2007/04/25 17:53
S87	3635	S86 near3 ("same" identical)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:54
S88	85	S87 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/04/25 19:00
S89	50	encoder near6 ((disk disc) near3 (speed velocity)) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/04/25 19:01

## EAST Search History

S90	12	("4803354"   "4908510"   "5091643"   "5239177"   "5369271"   "5406077"   "5448060"   "5451776").PN. OR ("5640377").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 19:05
S91	2	("3426337").PN.	USPAT; USOCR	OR	OFF	2007/04/26 10:33
S92	2760	(250/231.1?).cccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:13
S93	25579	(angular angl\$4) near4 (feature mark slit indicator)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:13
S94	151	S92 and S93	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:14
S96	645	S93 near10 (ring circumference circle circular)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:15
S97	3	S96 and S92	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:18
S99	297639	(angular angl\$4) near4 (position indicator mark feature)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:20
S100	35	S92 and S99 near4 (ring circumference circle circular)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:20
S101	23	("2782626"   "3349325"   "4649267"   "4697077"   "4718879"   "4945231"   "4988865"   "5086641"   "5130536"   "5212380"   "5418362"   "5594241"   "5665974"   "5852413"   "5939712"   "5969344").PN. OR ("6145368"   "6184518").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:34
S102	5209	S99 near4 (ring circumference circle circular)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:34
S103	31	S102 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:34
S104	20	("3701846"   "3707600"   "4000510"   "4079942"   "4094013"   "4142209"   "4338683"   "4363116"   "4365324"   "4445144").PN. OR ("4556966").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:43

## EAST Search History

S10 5	20	("4793067"   "5129725"   "5171982").PN. OR ("6093928"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 16:21
S10 6	10	((multipl\$4 plural\$4) near4 (index sector) near3 (mark indicator)) near10 (ring circumference circle circular)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 16:22